



# IDEM - HYGIEMAG SWITCH - CMR

138026  
CMR Heavy Duty 5M '1NC'

- Stainless steel housing
- Narrow housing 20 mm
- Switching range 12 mm
- Output load to 2 A
- No dedicated controller



## Product description

The HYGIEMAG switch - CMR is a magnetic switch made of high tolerance stainless steel, which is ideally suited for applications in the food and pharmaceutical industry. It allows to switch currents, depending on the model, to 1 A or 2 A. The slim switch housing - 20 mm gives the possibility of mounting in applications with a limited space for mounting. The switch is resistant to pressure washing.

## Specifications

|                           |                                                                 |
|---------------------------|-----------------------------------------------------------------|
| Annual usage              | 8 cycles per hour/24 hours per day/365days                      |
| Approvals                 | ISO 13849-1, ISO 14119, EN60204-1, EN62061, EN60947-5-1, UL 508 |
| Cable length              | 5 m                                                             |
| Cable type                | PVC 6 or 8 core 6mm OD conductors 0.25mm²                       |
| Central Material          | Stainless steel 316                                             |
| Coding                    | Not coded                                                       |
| Conductor size            | 0.25                                                            |
| Contact rating max        | 250Vac 2.0A                                                     |
| Contacts                  | 1NC                                                             |
| Integrated LED indication | No                                                              |

|                             |                                                |
|-----------------------------|------------------------------------------------|
| IP Class                    | IP69K, IP67                                    |
| Mechanical reliability B10d | 3.3 x 10 <sup>8</sup> operations at 100mA load |
| Mounting                    | 2 x M4                                         |
| MTTFd                       | 470 years                                      |
| Operating temperature       | -25..105°C                                     |
| PFHd                        | 2.52 x 10 <sup>-8</sup>                        |
| PL                          | e acc. ISO13849-1                              |
| Recommended mounting gap    | 5                                              |
| SIL                         | 3 acc. EN62061                                 |
| Switching current min       | 10Vdc 1mA                                      |
| Switching distance          | Sao 10mm close, Sar 22mm open                  |
| Switching frequency max     | 1.0Hz maximum                                  |

